

#5

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/875,456A

DATE: 09/20/2001

TIME: 10:29:30

Input Set : A:\ORT-1448seqlist.txt

Output Set: N:\CRF3\09202001\I875456A.raw

ENTERED

2 <110> APPLICANT: Qin, Ning  
3 Codd, Ellen  
4 D'Andrea, Michael  
6 <120> TITLE OF INVENTION: DNAs encoding human betala sodium channel subunit  
8 <130> FILE REFERENCE: ORT-1221  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/875,456A  
C--> 11 <141> CURRENT FILING DATE: 2001-09-10  
13 <160> NUMBER OF SEQ ID NOS: 14  
15 <170> SOFTWARE: PatentIn Ver. 2.1  
17 <210> SEQ ID NO: 1  
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70 <211> LENGTH: 18

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170 atctctcgca agcgccgcag cgagaccaac gctgagacct tcaccgagtg gaccttccgc 180
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179 gtcccccaca gacgctccgg gtacagaacc cagctctgtc acctgtgctg tatgacctct 720
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201 cctgtccccc acagacgctc cgggtacaga acccagctct gtcacctgtg ctgtatgacc 720
202 tctggcaggt gccttctgtc tctgagccaa aggggtgtcc tgggcttgcc cgggataata 780
203 atccgatgtg tttctcgggg tgtggtttga gccattcttc catcatgggg ttcagagga 840
204 ttgagcagct gcaggcacac cctggcttcc agcagagcct tgcaggtggt ggcgaggggtg 900
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211 <212> TYPE: PRT
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218 Ala Cys Gly Gly Cys Val Glu Val Asp Ser Glu Thr Glu Ala Val Tyr
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222 35 40 45
224 Thr Asn Ala Glu Thr Phe Thr Glu Trp Thr Phe Arg Gln Lys Gly Thr
225 50 55 60
227 Glu Glu Phe Val Lys Ile Leu Arg Tyr Glu Asn Glu Val Leu Gln Leu
228 65 70 75 80
230 Glu Glu Asp Glu Arg Phe Glu Gly Arg Val Val Trp Asn Gly Ser Arg
231 85 90 95
233 Gly Thr Lys Asp Leu Gln Asp Leu Ser Ile Phe Ile Thr Asn Val Thr
234 100 105 110
236 Tyr Asn His Ser Gly Asp Tyr Glu Cys His Val Tyr Arg Leu Leu Phe
237 115 120 125
239 Phe Glu Asn Tyr Glu His Asn Thr Ser Val Val Lys Lys Ile His Ile
240 130 135 140
242 Glu Val Val Asp Lys Gly Glu Ser Gly Ala Ala Cys Pro Phe Thr Val
243 145 150 155 160
245 Thr His Arg Arg Ala Arg Trp Arg Asp Arg Trp Gln Ala Val Asp Arg
246 165 170 175
248 Thr Gly Trp Leu Cys Ala Trp Pro Ala Asn Arg Pro Gln Gln Arg Ala
249 180 185 190
251 Glu Gly Glu Gly Ser Ser Pro Ser Cys Pro Leu Gln Leu Trp Pro Leu
252 195 200 205
254 Phe Leu Ser Ser Pro Arg Arg Gly Gln Ser Met Pro Val Pro His Arg
255 210 215 220
257 Arg Ser Gly Tyr Arg Thr Gln Leu Cys His Leu Cys Cys Met Thr Ser
258 225 230 235 240
260 Gly Arg Cys Leu Leu Ser Leu Ser Gln Arg Val Val Leu Gly Leu Pro
261 245 250 255
263 Gly Ile Ile Ile Arg Cys Val Ser Arg Gly Val Val
264 260 265

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VERIFICATION SUMMARY

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Input Set : A:\ORT-1448seqlist.txt

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L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date